

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/28/2002 Time: 08:34:29

Sample: AE10243
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/28/02 08:33 Ended: 5/28/02 08:33 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		10.0

Comments for Sample AE10243 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-28-2002 Time: 08:35:18

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\10243.D
 Acq On : 17 May 2002 3:08 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 17 10:41:26 2002

Vial: 19
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Thu May 16 14:49:15 2002
 Response via : Initial Calibration
 DataAcq Meth : 508SCAN1

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	331253	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1223063	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	660194	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1130572	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	888067	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	514995	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.55	207	171157	32.45	ug/l	-0.02
Spiked Amount	40.000		Recovery	=	81.13%	

Target Compounds

Qvalue

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 10243.D SCAN020507.M Fri May 17 10:42:56 2002 Page 1

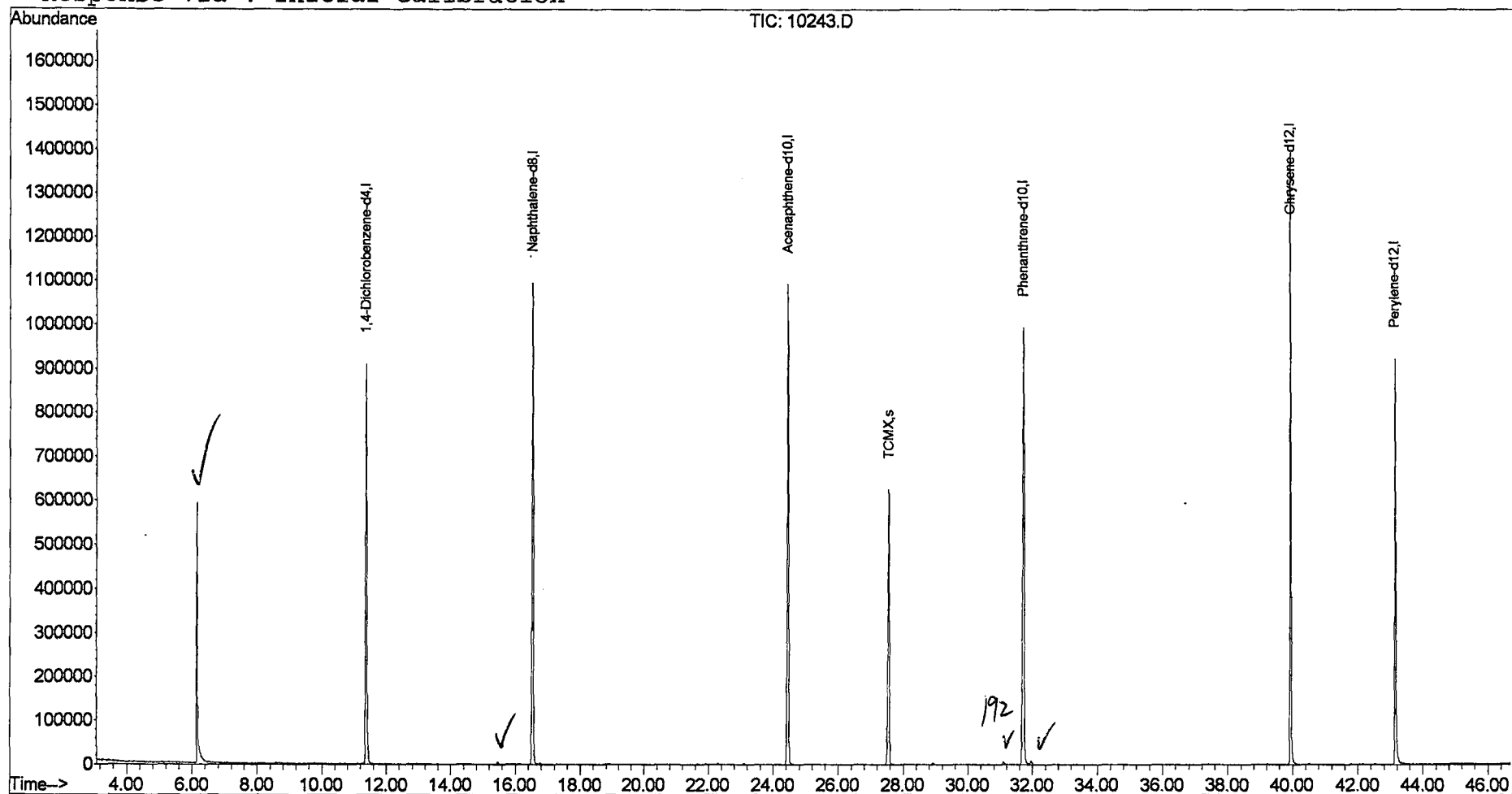
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\10243.D
 Acq On : 17 May 2002 3:08 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 17 10:42 2002

Vial: 19
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Results File: SCAN020507.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Thu May 16 14:49:15 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020516\10243.D

Acq On : 17 May 2002 3:08 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 19

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 0.5 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

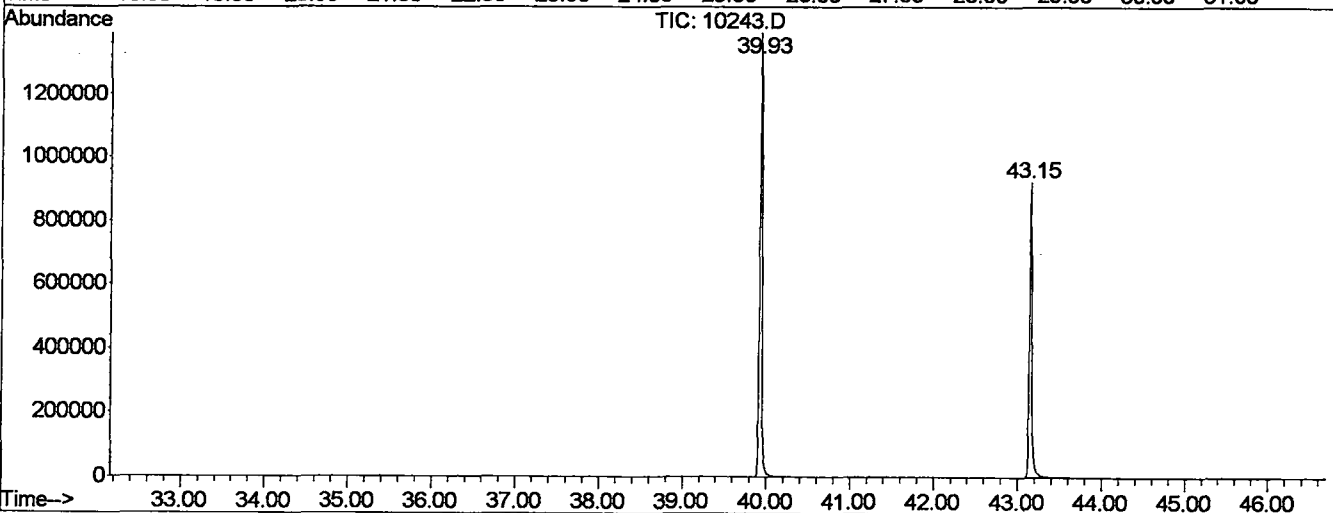
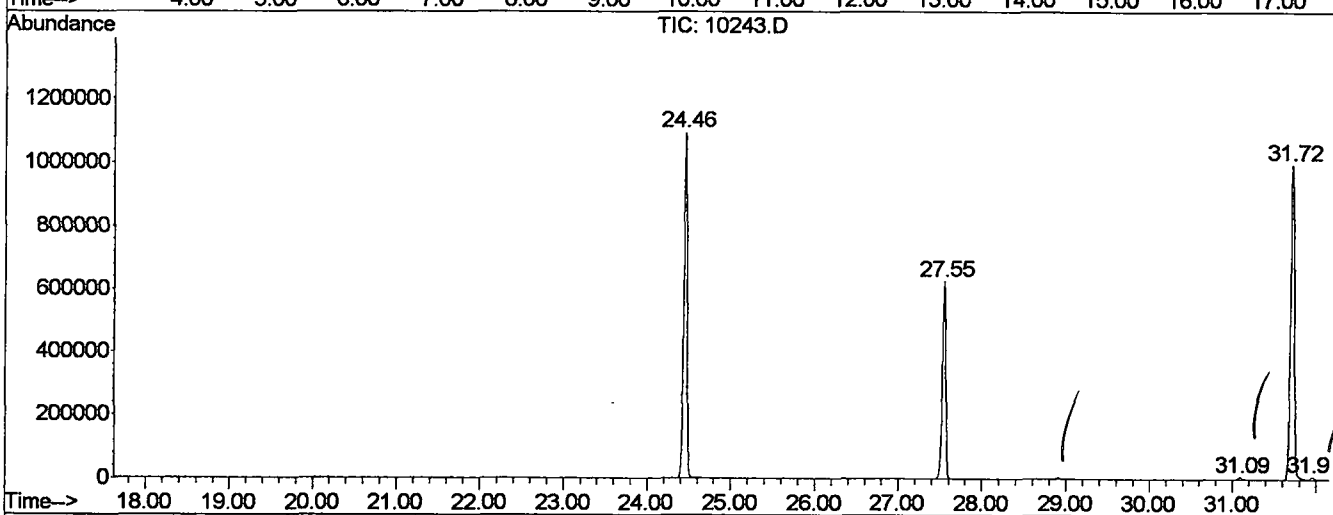
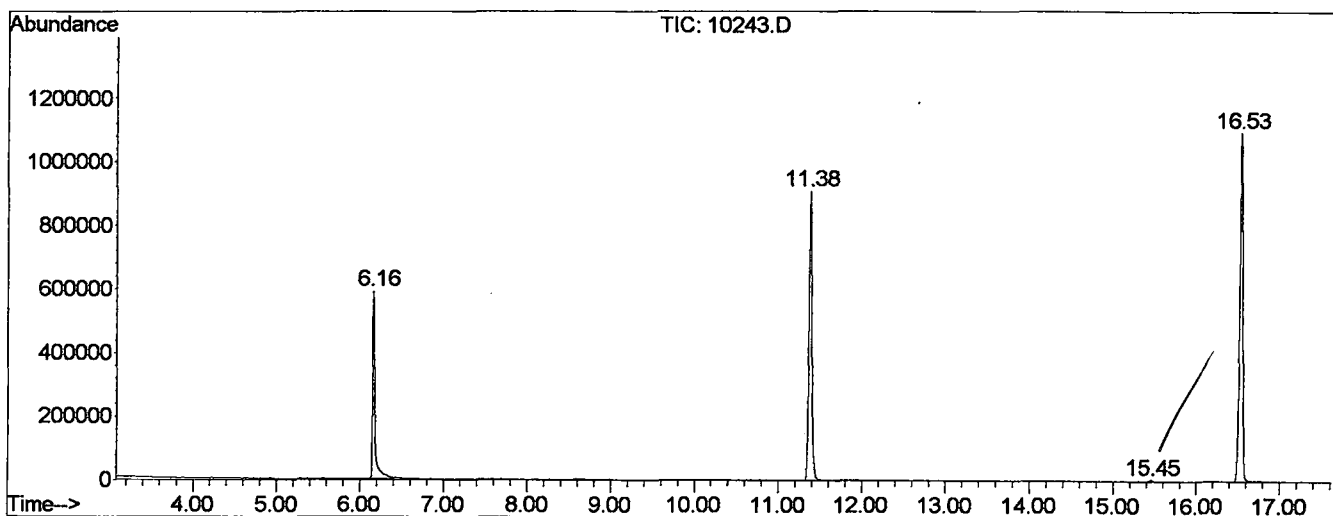
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.158	516	524	566	rBV	591234	1163426	36.73%	6.223%
2	11.376	1399	1412	1435	rBV	908162	2269340	71.65%	12.139%
3	15.453	2096	2106	2117	rBV4	4981	16013	0.51%	0.086%
4	16.534	2275	2290	2314	rBV	1094396	2835072	89.51%	15.165%
5	24.461	3621	3639	3656	rBV	1092373	2957995	93.39%	15.823%
6	27.551	4145	4165	4179	rVB2	625796	1743650	55.05%	9.327%
7	31.094	4759	4768	4783	rBV4	7325	18914	0.60%	0.101%
8	31.717	4853	4874	4903	rBV3	994117	3167368	100.00%	16.943%
9	31.952	4907	4914	4926	rVB4	8096	26427	0.83%	0.141%
10	39.931	6258	6272	6296	rBV2	1391157	2697686	85.17%	14.431%
11	43.151	6809	6820	6844	rBV	922408	1798423	56.78%	9.620%

Sum of corrected areas: 18694314

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020516\10243.D
 Operator : Nefliu
 Acquired : 17 May 2002 3:08 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 19
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10243.D

Acq On : 17 May 2002 3:08 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 19

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

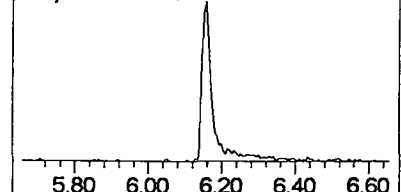
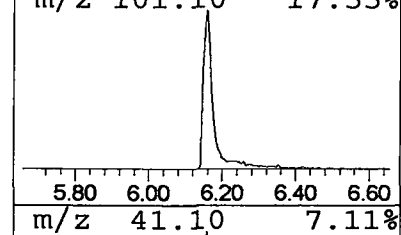
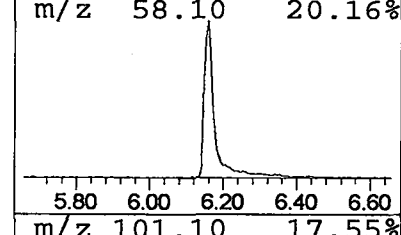
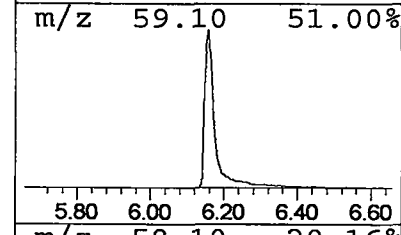
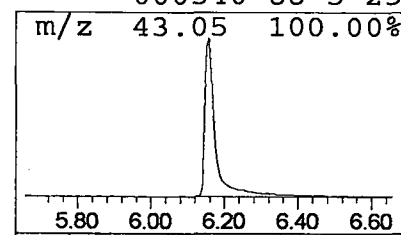
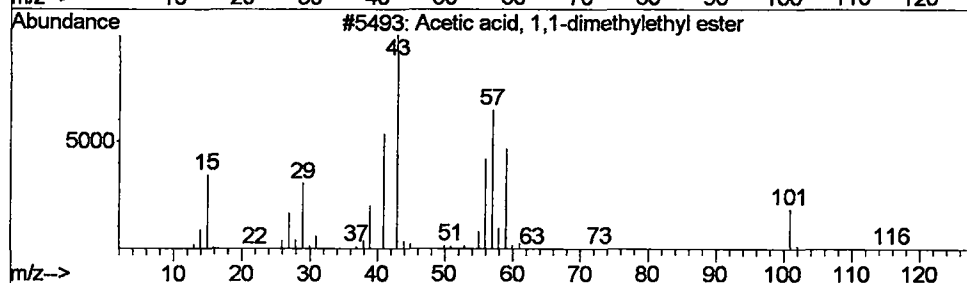
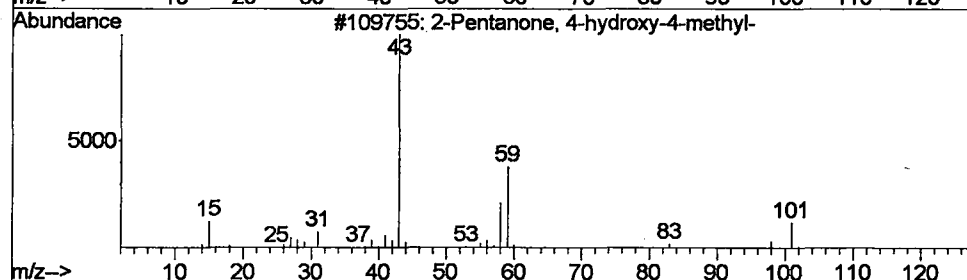
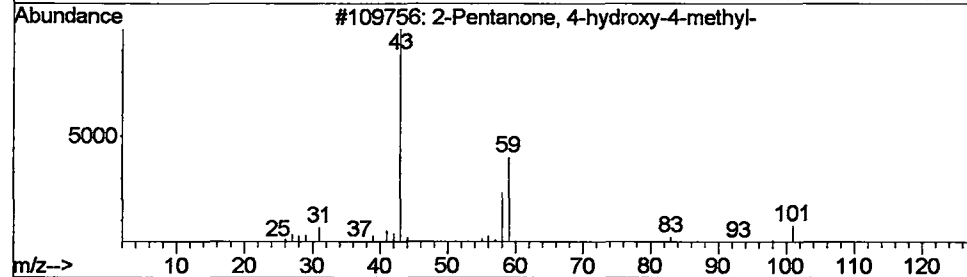
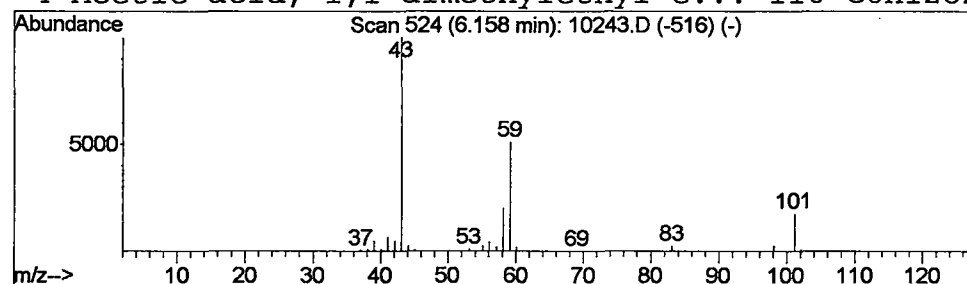
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	20.51 ug/l	1163430	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10243.D

Acq On : 17 May 2002 3:08 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 19

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

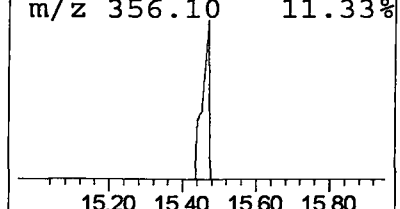
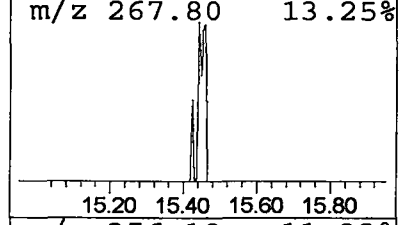
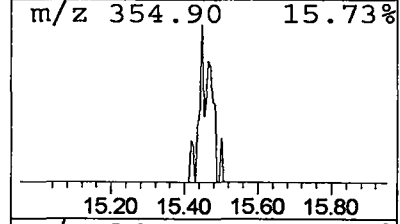
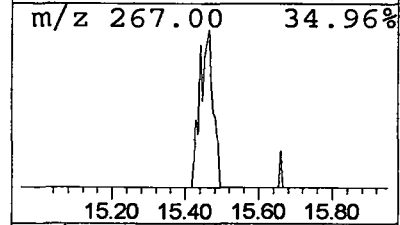
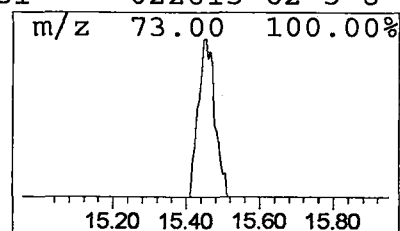
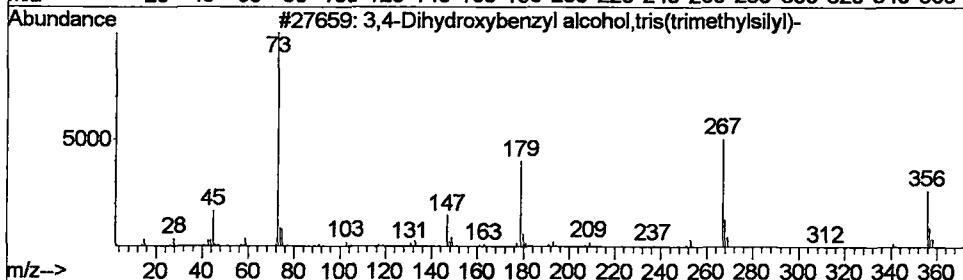
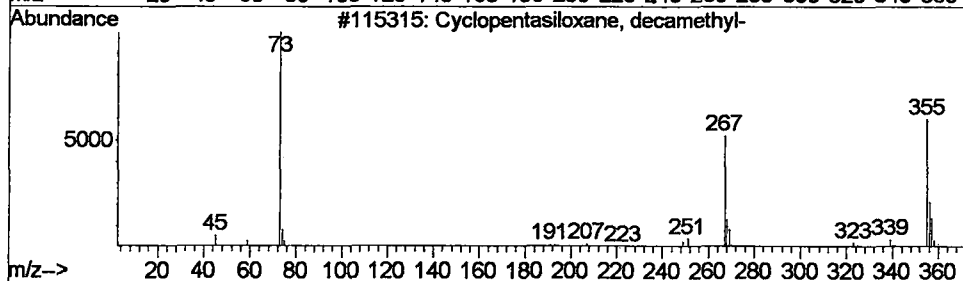
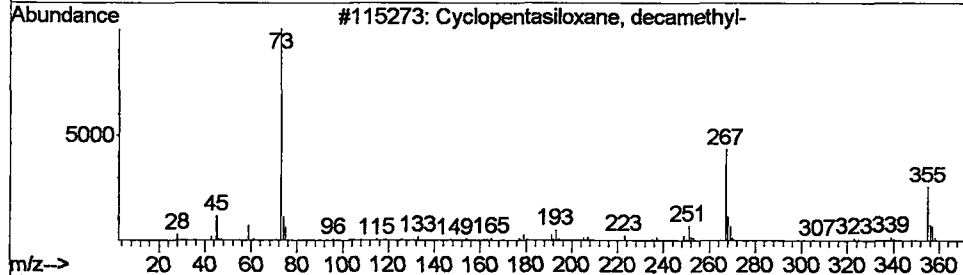
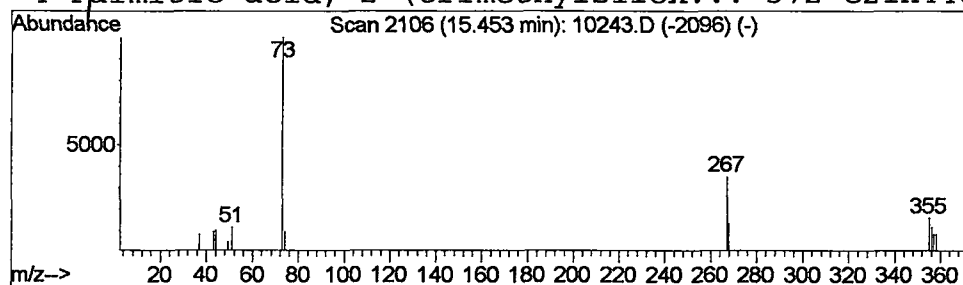
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	0.23 ug/l	16013	Naphthalene-d8	16.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓1		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	56
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	45
3		3,4-Dihydroxybenzyl alcohol, tris...	356	C16H32O3Si3	068595-79-9	9
4		Palmitic acid, 2-(trimethylsilox...	372	C21H44O3Si	022613-62-3	8



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10243.D
Acq On : 17 May 2002 3:08 am
Sample : sample
Misc :
MS Integration Params: rteint.e

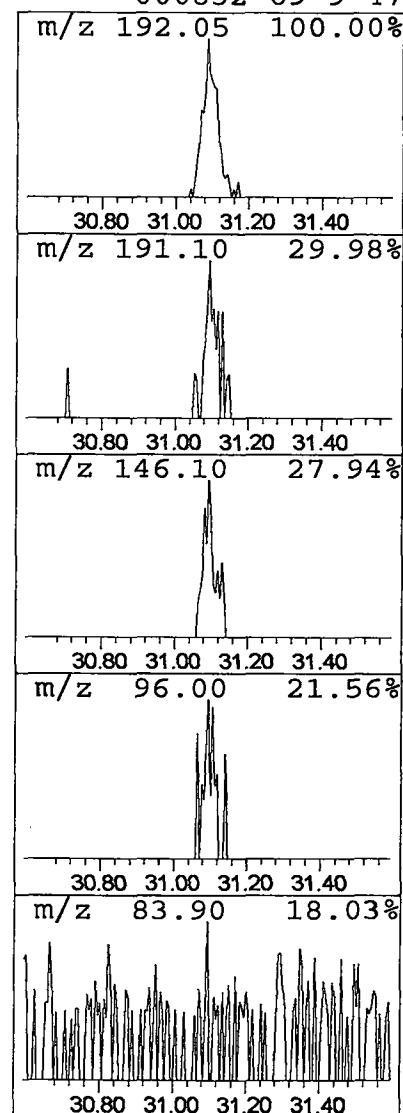
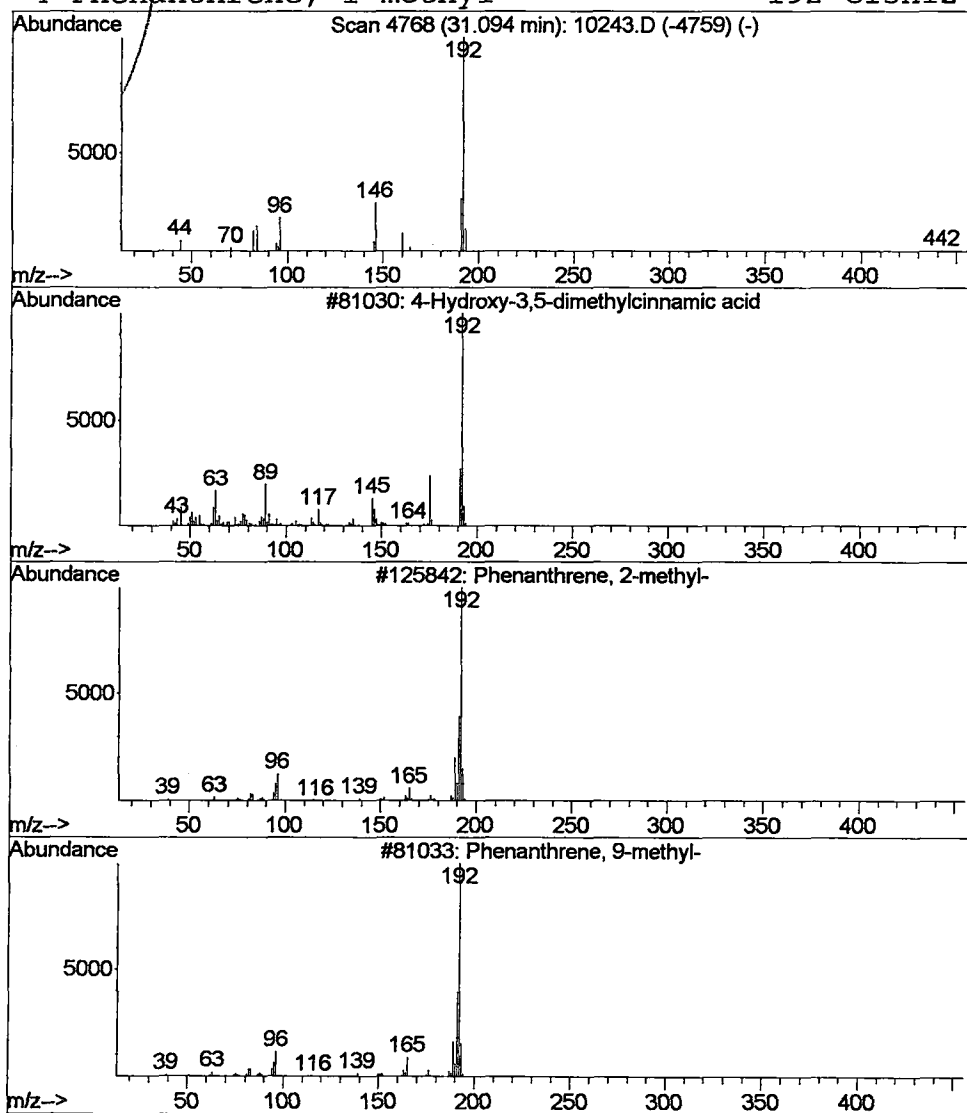
Vial: 19
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

Peak Number 3 4-Hydroxy-3,5-dimethylcinna... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.24 ug/l	18914	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	50
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	47
3			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	47
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	47



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10243.D

Acq On : 17 May 2002 3:08 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 19

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

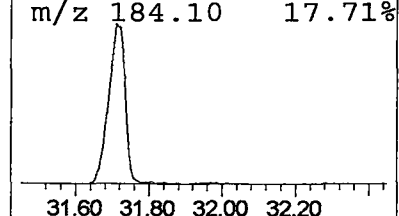
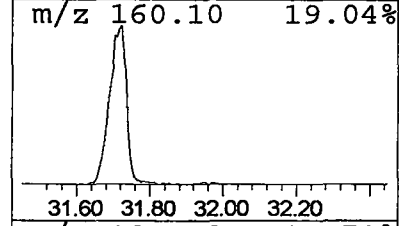
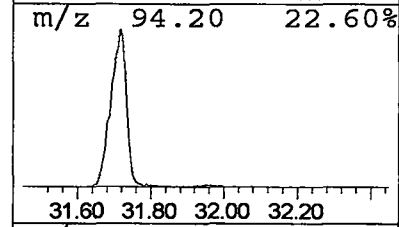
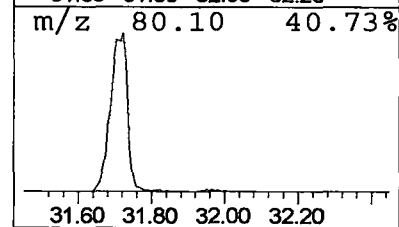
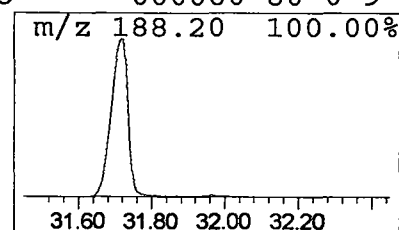
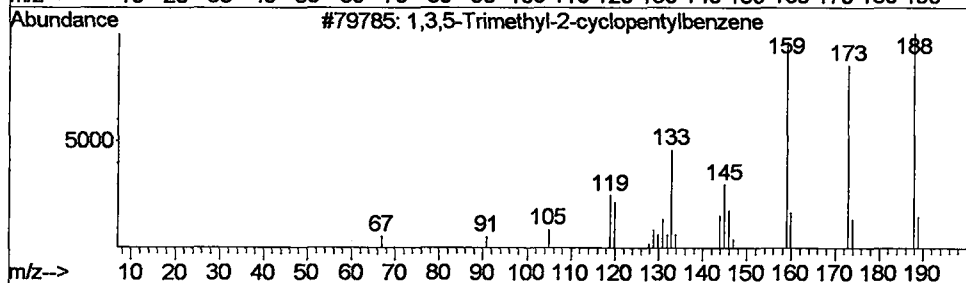
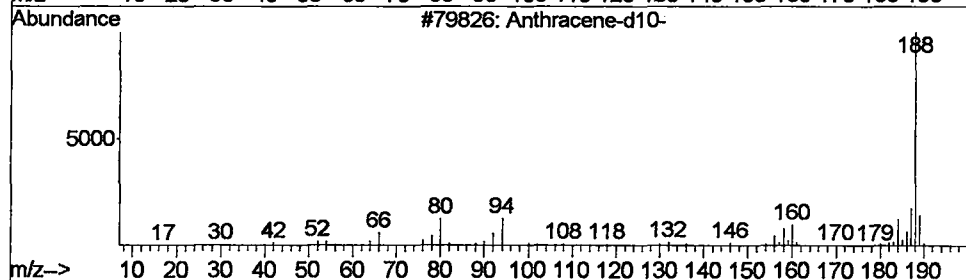
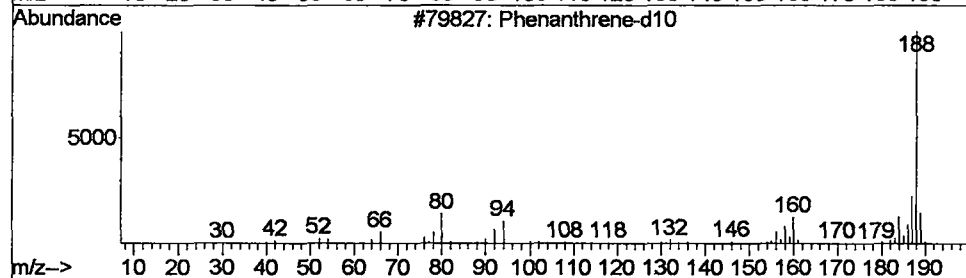
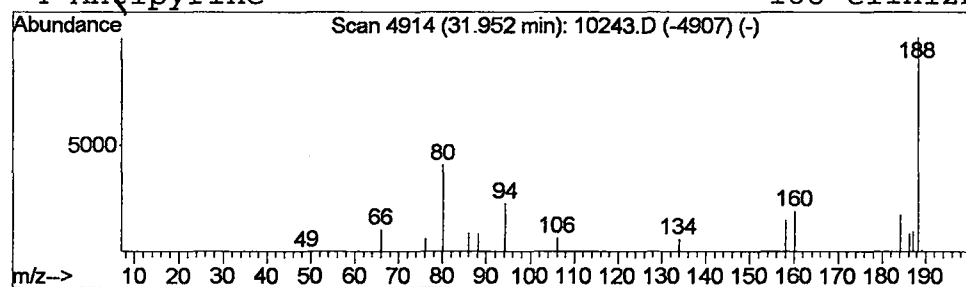
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 4 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.33 ug/l	26427	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene-d10	188	C14D10	001517-22-2	72
2			Anthracene-d10-	188	C14D10	001719-06-8	53
3			1,3,5-Trimethyl-2-cyclopentylben...	188	C14H20	030628-31-0	9
4			Antipyrine	188	C11H12N2O	000060-80-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 17 May 2002 3:08 am
Data File: C:\MSDCHEM\1\DATA\020516\10243.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.1

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
✓ 2-Pentanone, 4-hy...	6.16	20.5	ug/l	1163430	1	11.38	2269340	40.0
✓ Cyclopentasiloxan...	15.45	0.2	ug/l	16013	2	16.53	2835070	40.0
4-Hydroxy-3,5-dim...	31.09	0.2	ug/l	18914	4	31.72	3167370	40.0
Phenanthrene-d10	31.95	0.3	ug/l	26427	4	31.72	3167370	40.0
<i>Anthracene-d10</i>								